

**United States Environmental Protection Agency
Pollution Report**

EPA Region 5 Records Ctr.



346217

I. HEADINGS

DATE: October 30, 2000

SUBJECT: Pollution Report for the Mahoningside Power Plant Site, Warren, Trumbull County, Ohio

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POLREP 3 - Fund-lead Removal

II. BACKGROUND

Site No:	B5P4
NPL Status:	Non-NPL
Response Authority	CERCLA
State Notification:	Ohio EPA
Mobilization Date:	October 10, 2000 (August 7, 2000 for water treatment)
Completion Date:	TBD
Latitude:	41°14'37.5" N
Longitude:	80°49'42.8" W
CERCLA Incident Category:	Removal - Fund-lead

III. SITE INFORMATION

A. Incident Category: Removal- Fund-lead

B. Site Description

1. Site Location and Background

The Mahoningside Power Plant site is located at 650 Summit Street in Warren, Trumbull County, Ohio. The geographical coordinates for the site are latitude 41°14'37.5" north and longitude 80°49'42.8" west. The site is located in a mixed residential, industrial, and commercial area. The site is bordered to the south by Summit Road. A railroad line is located to the north of the site. The west portion of the site is bound by Tod Avenue, and to the east of the site is the Mahoning River and Mahoning Avenue. There is a school within one mile of the site (to the south). Approximately one half mile to the southeast of the site is City Hall, and there is a city park less than 1/4 mile to the south.

For background information, see POLREP 1.

IV. RESPONSE INFORMATION

A. Situation

1. Current situation

On October 10, 2000, U.S. EPA initiated a removal action at the Mahoningside Power Plant site to stabilize and remove PCB and potential mercury contaminated soils, debris, and sediments. U.S. EPA is continuing to clean sumps and drains from the basement of the former power plant and evaluate the shale subsurface for PCB contamination. To date an estimated 86 tons of PCB-contaminated waste has been transported off-site for final disposal at CWM, Chemical Services, LLC, located in Model City, New York.

2. Removal actions to date:

On October 23, ERRS continued operation and maintenance of the waste water treatment system (WWTS), excavated a test pit to assess the lateral migration of PCB-contamination and prepared roll-off boxes for transportation off site. START continued sampling and conducting field screening of sediment from the sumps and trenches for PCB results. In addition, START conducted baseline personnel and area air sampling for PCB analysis. Non-work hour site security continued.

On October 24, 2000, ERRS continued operation and maintenance of the WWTS, jetting and vacuuming of sediment from the underground lines and sumps, and preparation of roll-off boxes for transportation off site. START collected a sediment sample from the former 42" outfall into the Mahoning River. The sample was sent to ECC located in Cincinnati, Ohio for PCB, RCRA metals, and polycyclic aromatic hydrocarbon analyses. Non-work hour site security continued.

On October 25, 2000, ERRS continued operation and maintenance of the WWTS and excavated visually contaminated material from an impacted trench. Sampling of sumps and trenches for field screening continued. START continued sampling and conducting field screening of sediment from

the sumps and trenches for PCB results. Non-working hours site security continued.

On October 26, 2000, ERRS continued operation and maintenance of the WWTS and jetting and vacuuming of sediment from the underground lines and sumps. ERRS also began to solidify accumulated sediment with lime and transferred solidified material into roll-off boxes. A total of 3 roll-off boxes containing an estimated 43 tons of PCB-contaminated waste were transported off-site for final disposal at CWM located in Model City, New York. START collected composite samples from the vault area and the sluiceway. The samples were field screened with Dextsil Chlor-N-Soil kits with results indicating PCB concentrations below 50 ppm. Non-working hours site security continued.

On October 27, 2000, ERRS continued operation and maintenance of the WWTS and solidification of accumulated sediment. ERRS also pulled, inspected, and cleaned turnstyles and associated drain lines. A total of 3 roll-off boxes containing an estimated 43 tons of PCB-contaminated waste were transported off-site for final disposal at CWM located in Model City, New York. Non-working hours site security continued through the weekend.

B. Next Steps

- Collect, stabilize, and contain remaining contaminated debris and sediment.
- Assess PCB contamination remaining at the site in the sub-surface and Mahoning River.
- Dispose of PCB contaminated soils which are staged in roll-off boxes.

C. Key Issues

- On October 24, 2000, Ohio EPA representatives mobilized to site to meet with U.S. EPA and START regarding a planned assessment of a portion of the Mahoning River which may be contaminated with PCBs. Ohio EPA's assistance has been requested for the collection of core samples from the riverbed. A second meeting has been scheduled for November 2, 2000, to finalize assessment plans.

V. Cost Information

Estimated Costs To Date (as of 10-25-00):

ERRS	\$120,734
EPA	\$ 12,880
START	\$ 9,340